

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill		04/30/2012		1730			
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :		
Operations Unit/Containment Branch Monitoring Group		Name:	Dan Capone & Joe Victory (START/US EPA)		From:	04/30/2012 0600	
		Position:	Operations Section Chief		To:	04/30/2012 1700	
7. Personnel Roster Assigned							
Name		ICS Position		DUTY CELL			
Dan Capone		Operations Section Chief					
Joe Victory		Operations Section Chief					
Rex Johnson		Deputy Director					
Dan Zahner		Field Team Lead					
Karen Berez		CBM Team 2					
8. Activity Log							
Activity Area						LAT	LAT
						Various	Various
						(DD.MMMM)	(DD.MMMM)
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>					
		<u>DENSITY OF OIL /SHEEN</u>					
Total Collection Points							
Total Boom Deployed							
Activity		<u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u>					
		<p>Karen Berez and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 13.50. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0735- 1550: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. 					
		<u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u>					
		LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL		
		MP 2.25 (C 0.0 Launch)	57.9	55.2	3.5		
		MP 5.25 (C0.4 Launch)	52.9	53.1	2.3		
		MP 10.0 (C3.2 Launch)	53.4	54.7	2.1		
		MP 15.0 (C5 Launch)					
		MP 18.75 (D2 Launch)					
		MP 21.5 (D5)					
		MP 27.0 (E0.5 Launch)					
		MP 30.0 (E2 Launch)					
		MP 35.0 (E3 Launch)					
		MP 38.0 (E4 Launch)					
		AVERAGE	54.73	54.33			

WEEKLY/AFTER RAIN EVENT INSPECTION:**Talmadge Creek:** (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source: No oil and/or sheen observed upstream of source area. Turbidity reading = 19.0 NTU.

MP 0.04: Below Source (Culvert 1): No oil and/or sheen observed at culvert. Turbidity reading = 17.5 NTU.

MP 0.27: Between Source & Division Road (Culvert 2): No oil and/or sheen observed at culvert. Turbidity reading = 17.2 NTU.

MP 0.50: Division Road (Culvert 3): No oil and/or sheen observed at culvert. Turbidity reading = 13.9 NTU.

MP 0.74: Hillbilly Road (Culvert 4): No oil and/or sheen observed at culvert. Turbidity reading = 12.6 NTU.

MP 1.09: 16 Mile Road (Culvert 5): No oil and/or sheen observed at culvert. Turbidity reading = 9.09 NTU.

MP 1.28: 15 ½-Mile Road (Culvert 6): No oil and/or sheen observed at culvert. Turbidity reading = 10.2 NTU.

MP 1.57: B4.5 (Culvert 7): No oil and/or sheen observed at culvert. Turbidity reading = 9.21 NTU.

MP 1.77: Saylor's Property (Culvert 8): No oil and/or sheen observed at culvert. Turbidity reading = 7.16 NTU.

MP 1.99: A Drive North (Culvert 9): No oil and/or sheen observed at culvert. Turbidity reading = 8.39 NTU.

MP 2.02: Talmadge Creek before Confluence: No oil and/or sheen observed at culvert or confluence. Turbidity reading = 7.27 NTU.

DAILY CONTAINMENT MONITORING:**Kalamazoo River:** Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): Very slight silver sheen observed along control point. Area of sheen is 1' x 1' = 1 sq. ft. SWAT had completed cleaning of collection area previous to observation.

MP 8.50 L1 (8.48 LDB): Slight silver sheen observed within containment. Area of sheen is 5' x 3' = 15 sq. ft.

MP 8.50 L3 (8.48 LDB): No oil and/or sheen observed within containment.

MP 8.75 R1: No oil and/or sheen observed within containment. A considerable extent of turbidity was observed within containment and flowing out of containment downstream on the river. The turbidity plume was visible on the river for approximately a ¼ mile from site.

MP 9.00 I2 (8.97I): No oil and/or sheen observed within containment

MP 10.75 LDB: No oil and/or sheen observed within containment.

MP 11.75 L2 (11.79 LDB): No oil and/or sheen observed within containment.

MP 14.98I:

MP 15.65 (Battle Creek Spillway):

MP 17.00 L1 (Rock Tenn):

MP 21.50 Oxbow:

MP 30.8 LDB:

MP 37.75 (E4):

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90:

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

MP 15.65 to MP 18.75:

MP 18.75 to MP 30.00:

MP 30.00 to MP 35.25:

MP 35.25 to MP 37.75:

MP 37.75 to MP 40.00:

	<p>Total sheen in control points: 1 sq. ft. Total sheen within containment: 15 sq. ft. Total Sheen: 16 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 2 had no Situation Photo Log pictures to inspect today.</p>
Health and Safety Issues	None
Comments	None